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http://www.spenvis.oma.be/intro.php



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Welcome to ESA's Space Environment Information System, a WWW interface to models of the space environment and its effects, including the cosmic rays, natural radiation belts, solar energetic particles, plasmas, gases, and "microparticles".

Space Situational Awareness

In the framework of ESA's Space Situational Awareness Programme, the version 4.6.4 of SPENVIS has been re-deployed in Redu Data Centre.

Need help?

Beside a large set of contextual help pages, the SPENVIS system includes a forum () where users can exchange their experiences and tips. In case of problems, please consult our bug tracker system () and feel free to post any bugs.

If you have forgotten your password, you can reset it <u>here</u>. If you want to change your password, you can do it <u>here</u>.

Registration

Use of SPENVIS on this site is **free of charge**, but a user registration is required. Please read the <u>terms &</u> **conditions** before registering.

If you are student or teacher, please read this first.

Register now

System requirements

SPENVIS requires a browser with JavaScript support (tested with Firefox 23 and MS-IE 9). Some outputs require a VRML/X3D plugin (tested with Octaga Player 2.3.0.3).

Current version

The current version of SPENVIS (4.6.7) was <u>released</u> on October 4, 2013.

Project Manager: Michel Kruglanski
Application Engineers: Erwin De Donder & Neophytos Messios
IT development: Emmanuel Gamby, Laszlo Hetey & Stijn Calders
Contact: spenvis team@aeronomie.be

ESA Technical Officer: H. Evans



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Username: carso_stud 1-13

Password: spacenv





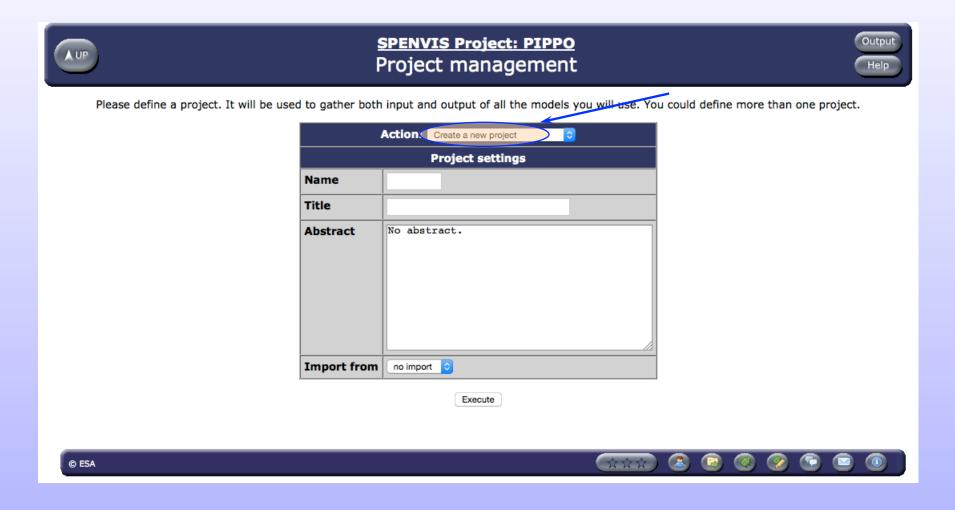
The models implemented in SPENVIS are combined in the packages listed above. Clicking on a package name will expand the table with a list of models. Some model suites have to be executed in a prescribed order. Model links will not be available when pre-required runs have not been executed yet. Most models run on both a spacecraft trajectory and a geographical coordinate grid. Clicking on the coordinate generator links and returning to this page toggles between the two sets of coordinates. The model links will adapt to the choice of coordinates.

The model pages have deliberately been kept as concise as possible. A navigation bar is figured at the top of each SPENVIS page. The Help link in the bottom right hand corner of this bar points to context sensitive help pages, which in turn contain their own navigation system, including access to guidelines on model usage and background information on the space environment.

Please do not use your browser's **Back** or **Forward** buttons (except for navigating in the help pages), as these actions do not save input parameters. Full navigation between model pages is available through the menu bar at the top of each page and the action buttons featured on each page.

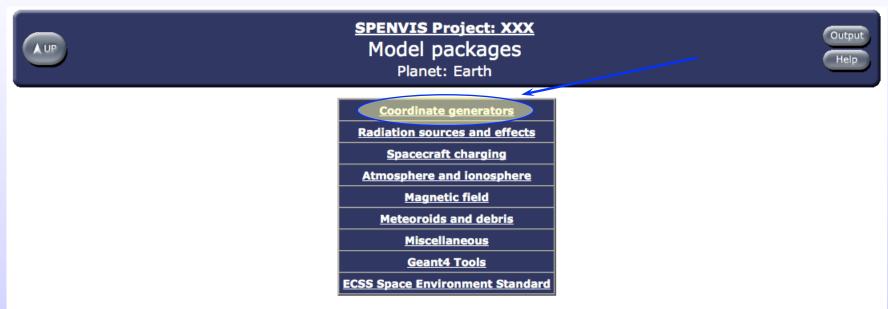
For additional assistance (after consulting the help pages) and feedback, please contact the SPENVIS team.

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Trieste, 28 ottobre 2019

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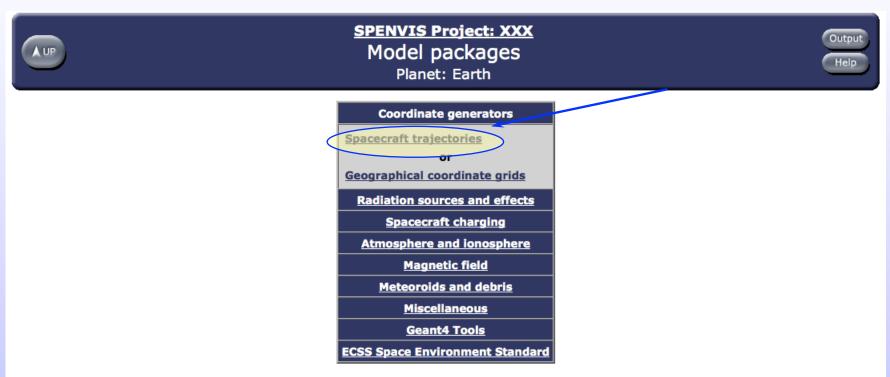
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SPENVIS 5/5



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